Inventor(s): Alexander Gaiger et al.

Express Mail No. EV741777884US "REPLACEMENT SHEET"

APR 2 8 2006 W

HU: MGSDVRDLNALLPAVPSLGGGGGCALPVSGAAQWAPVLDFAPPGASAYGSL MO: MGSDVRDLNALLPAVSSLGGGGGCGLPVSGAAQWAPVLDFAPPGASAYGSL

HU: GGPAPPPAPPPPPPPPHSFIKQEPSWGGAEPHEEQCLSAFTVHFSGQFTGTAG MO: GGPAPPPAPPPPPPPPPHSFIKQEPSWGGAEPHEEQCLSAFTLHFSGQFTGTAG

HU: ACRYGPFGPPPPSQASSGQARMFPNAPYLPSCLESQPAIRNQGYSTVTFDGTPS MO: ACRYGPFGPPPPSQASSGQARMFPNAPYLPSCLESQPTIRNQGYSTVTFDGAPS

HU: YGHTPSHHAAQFPNHSFKHEDPMGQQGSLGEQQYSVPPPVYGCHTPTDSCTG MO: YGHTPSHHAAQFPNHSFKHEDPMGQQGSLGEQQYSVPPPVYGCHTPTDSCTG

HU: SQALLLRTPYSSDNLYQMTSQLECMTWNQMNLGATLKGVAAGSSSSVKWTE MO: SQALLLRTPYSSDNLYQMTSQLECMTWNQMNLGATLKGMAAGSSSSVKWTE

HU: GQSNHSTGYESDNHTTPILCGAQYRIHTHGVFRGIQDVRRVPGVAPTLVRSAS MO: GQSNHGIGYESDNHTAPILCGAQYRIHTHGVFRGIQDVRRVSGVAPTLVRSAS

HU: ETSEKRPFMCAYPGCNKRYFKLSHLQMHSRKHTGEKPYQCDFKDCERRFSR MO: ETSEKRPFMCAYPGCNKRYFKLSHLQMHSRKHTGEKPYQCDFKDCERRFSR

HU: SDQLKRHQRRHTGVKPFQCKTCQRKFSRSDHLKTHTRTHTGKTSEKPFSCR MO: SDQLKRHQRRHTGVKPFQCKTCQRKFSRSDHLKTHTRTHTGKTSEKPFSCR

HU: WPSCQKKFARSDELVRHHNMHQRNMTKLQLAL MO: WHSCQKKFARSDELVRHHNMHQRNMTKLHVAL

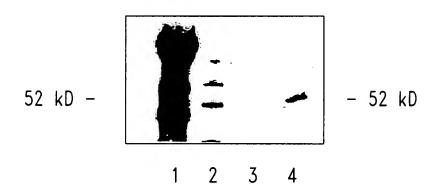


Fig. 2

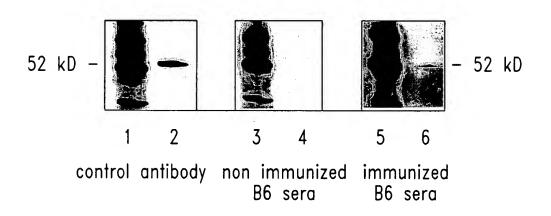


Fig. 3

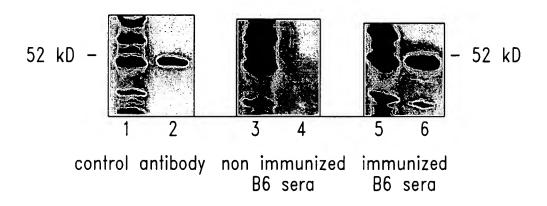
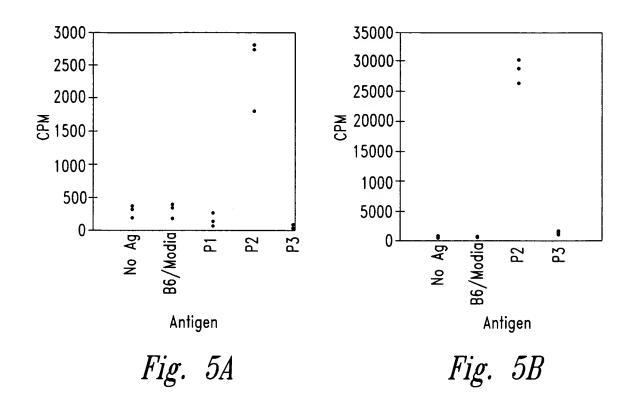


Fig. 4



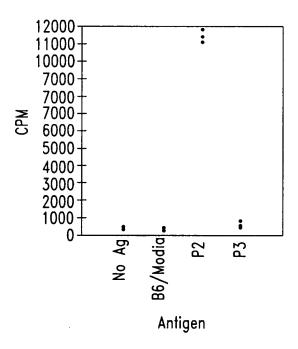


Fig. 5C

Docket No. 210121.465C2 Serial No. 09/684,361 Inventor(s): Alexander Gaiger et al. Express Mail No. EV741777884US "REPLACEMENT SHEET"

10-8 \sim

Vaccine A stimulated line

Vaccine B stimulated line

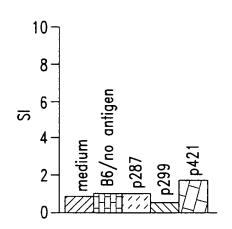


Fig. 6A

Fig. 6B

p117-139 stimulated line

p117-139 stimulated clone

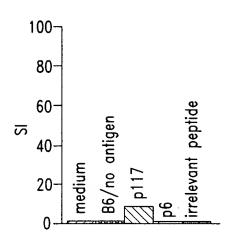


Fig. 7A

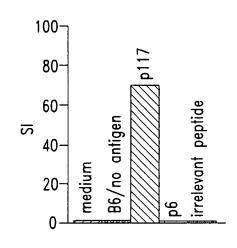


Fig. 7B

p6-22 stimulated line

p6-22 stimulated clone

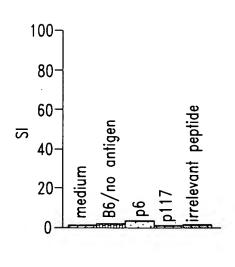


Fig. 7C

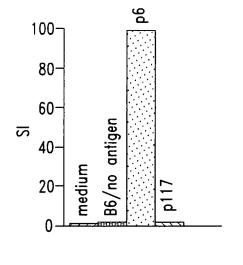


Fig. 7D

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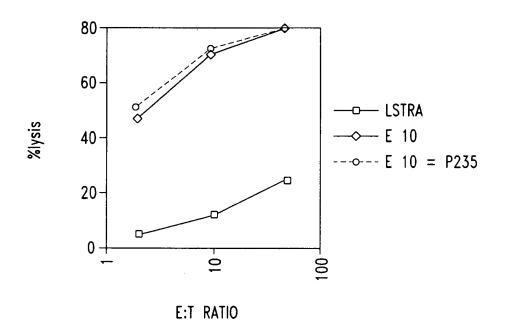


Fig. 9A

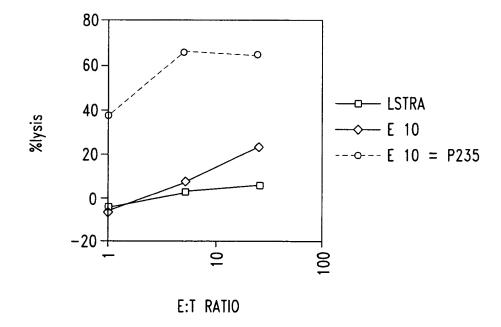


Fig. 9B

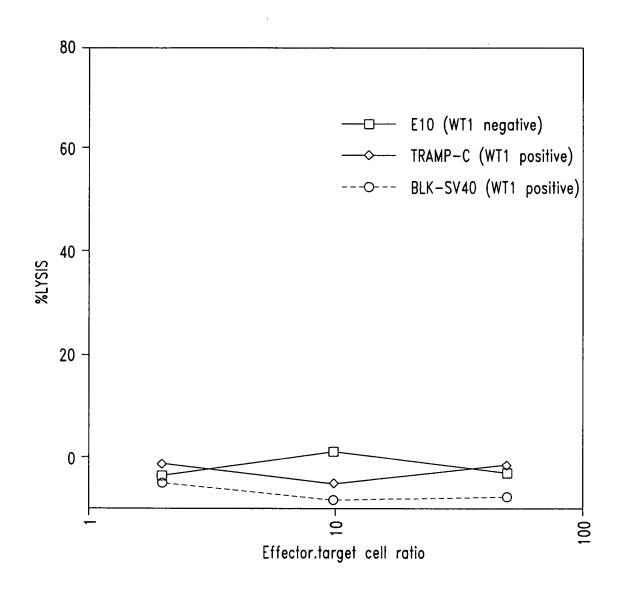


Fig. 10A

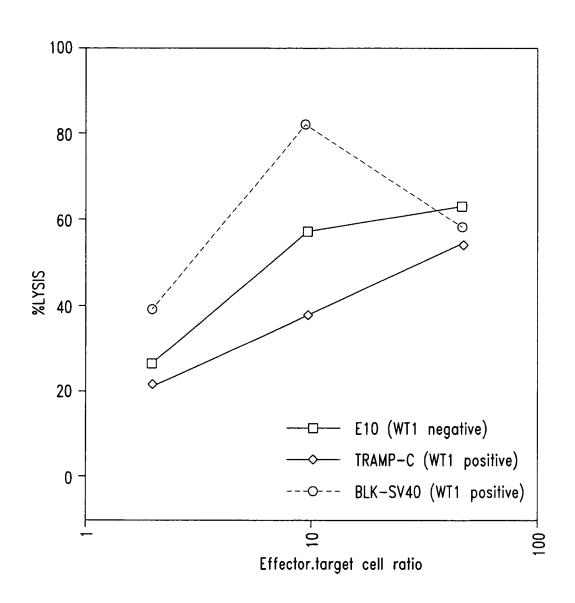


Fig. 10B

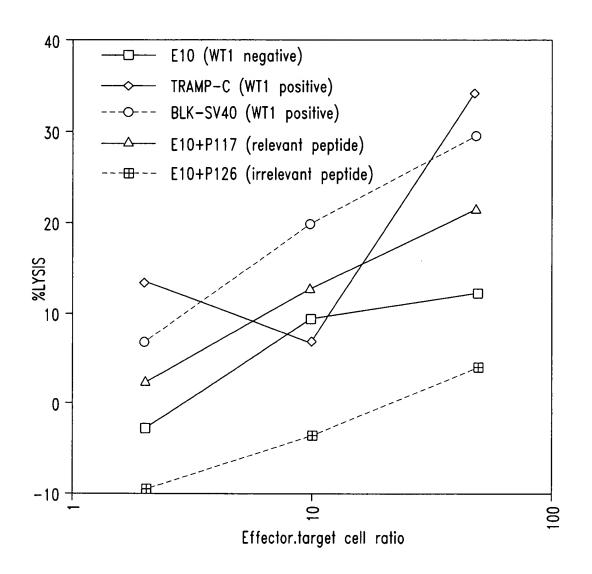
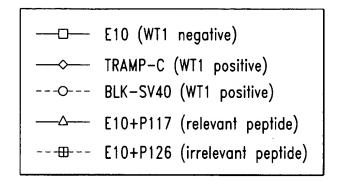


Fig. 10C



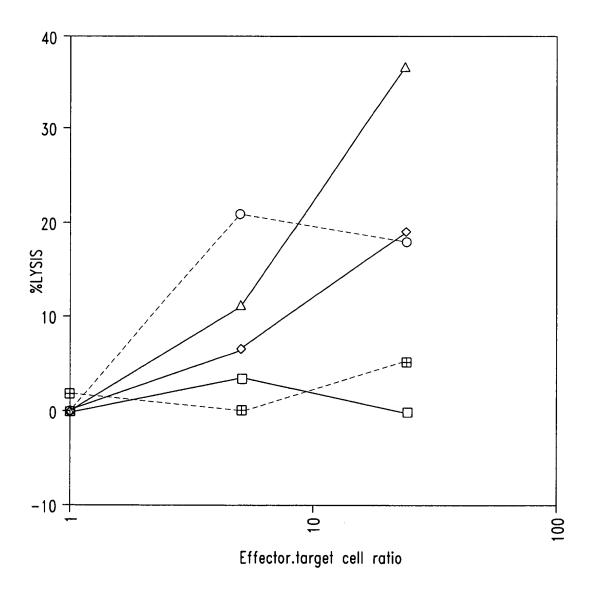
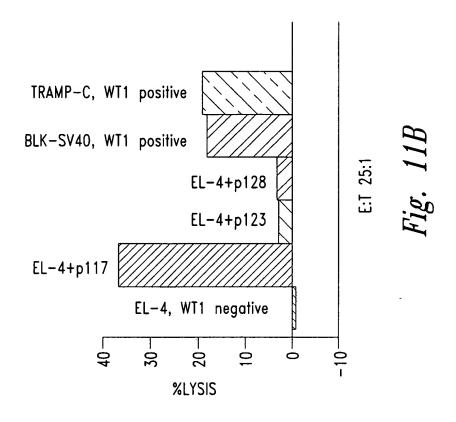
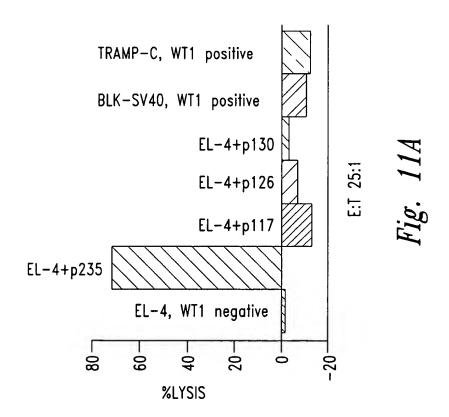
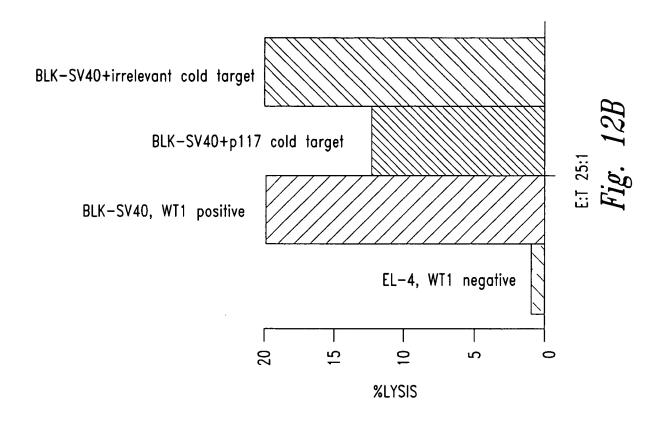
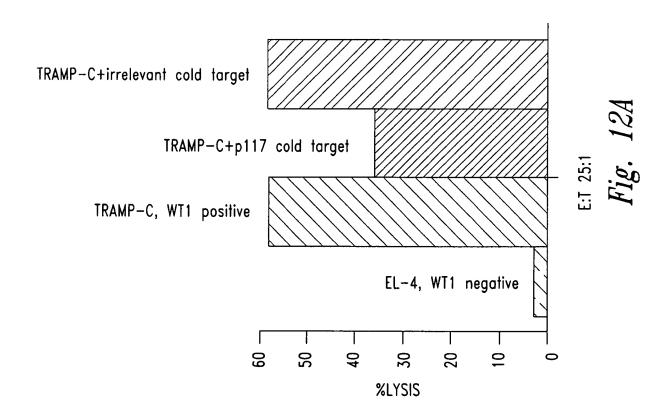


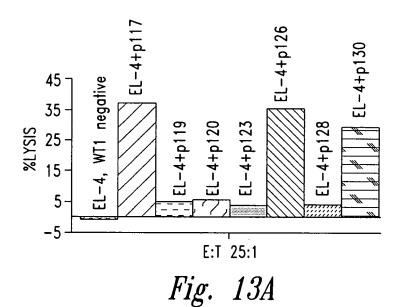
Fig. 10D

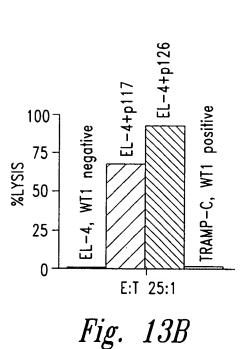












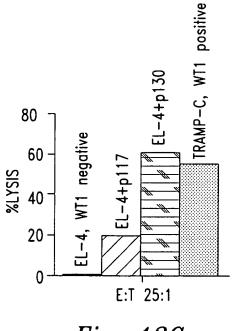
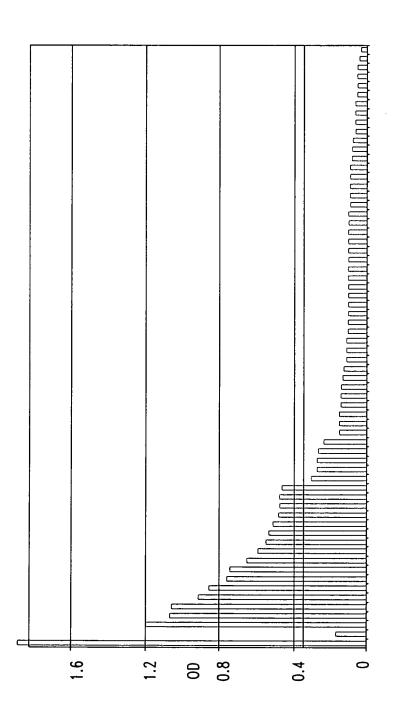


Fig. 13C

Fig. 14



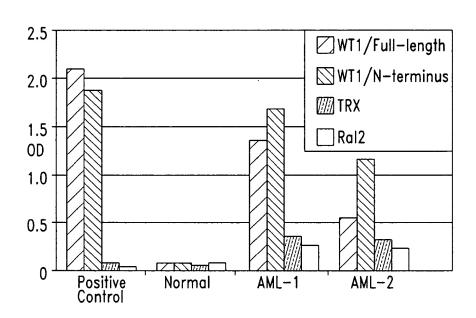


Fig. 15

Inventor(s): Alexander Gaiger et al.

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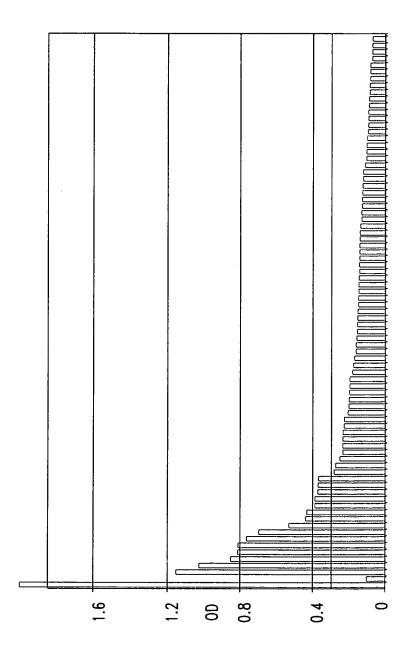


Fig. 16

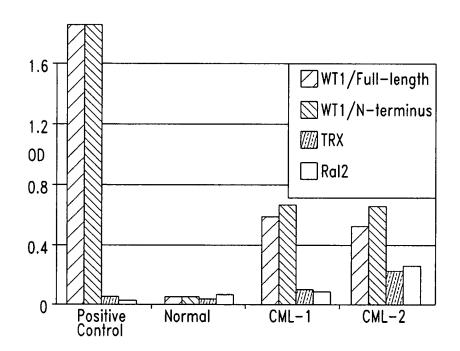


Fig. 17

Serial No. 09/684,361

Docket No. 210121.465C2

Inventor(s): Alexander Gaiger et al.
Express Mail No. EV741777884US "REPLACEMENT SHEET"

Characteristics of Recombinant WT1 Proteins Used for Serological Analysis

NAME	Recombinant Protein	WT1 Amino Acid Position	Molecular Weight
WT1/full-length	Ral2—WT1 full length fusion protein	aa 1-449	85kDa
WT1/N-terminus	TRX-WT1 N-terminus fusion protein	aa 1-249	60kDa
WT1/C-terminus	WT1 C-terminus protein	aa 267-449	50kDa

"REPLACEMENT SHEET"

WT1 Specific Serum Antibodies in Patients with AML and CML

	WT1/full-length	WT1/N-ferminus	WT1/C-terminus
Normal Individials (n=96)	2/96 (2%)	1/96 (1%)	1/96 (1%)
AML Patients (n=63)	14/63 (22%)	16/63 (25%)	2/63 (3%)
CML Patients (n=81)	15/81 (19%)	12/81 (15%)	3/81 (3%)